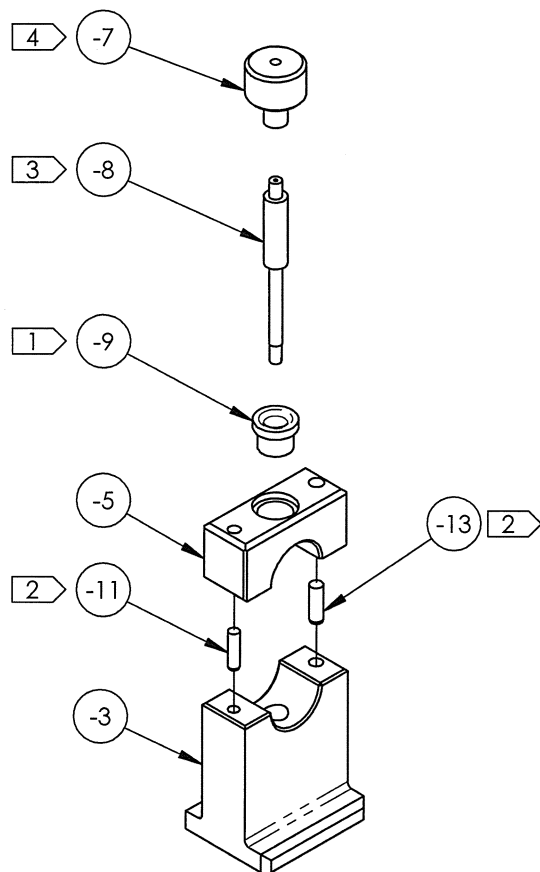
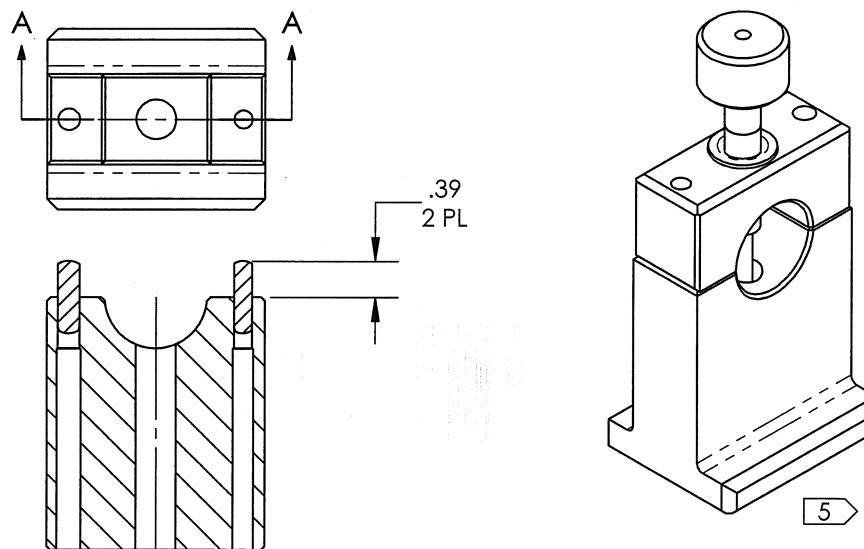


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0138	CH'D TOOL NAME TO MATCH OEM WAS DR MOUNTING TOOL IS MOUNTING TOOL. DELETED DIM .039 SHEET 1. -3 & -5 CH'D MATERIAL WAS 1018 IS A36/1018/1020 HR -3, -5, & -7 CH'D FINISH WAS NICKLE PLATE IS ZINC PLATE. -3 DELETED DIM'S .945, Ø.2366/.2361 P.F. -13, Ø.1969/.1964 P.F. -11, 2.189, CH'D DIM'S WAS .039 X 45° IS 14X .04 X 45°, WAS R.079 X2 IS 2X R.09, WAS .118 X 45° X2 IS 2X, 12X 45°, WAS .118 X 45° X4 IS 4X .12 X 45°, WAS Ø.258 DEPTH 2.189 IS .26 W 2.19, WAS Ø.219 DEPTH 2.189 IS Ø.22 W 2.19 (P.F. -11), ADDED DIM 1.890, .492, 1.181, -5 CH'D DIM WAS Ø.590 C.B. Ø.709 DEPTH .069 P.F. -7, IS Ø.5904/.5900 THRU ALL L J Ø.760 W 1.19 (P.F. -9), WAS .039 X 45° IS .40 X 45°, WAS .079 X 45° 4X IS 4X .08 X 45°, WAS Ø.258 DEPTH .565 IS Ø.26 W .57 (S.F. -13), WAS Ø.219 W .565 IS Ø.22 W .57 (S.F. -11), DELETED DIM .945, ADDED DIM 1.890, 1.181, -7 CH'D DIM WAS Ø.392 S.F. -9 IS Ø.392 +.000-.003 (S.F. -9), WAS Ø1.016 IS Ø1.00, WAS M5X.8 DEPTH .738 IS M5X0.8 W .74, WAS Ø.211 IS Ø.220 +.005/-000 (S.F. -8), WAS .350 IS .35, WAS .059 X 45° IS 2X .06 X 45°, WAS .674 IS .67, WAS 1.187 IS 1.19, CH'D MATERIAL WAS 1018 IS 1018/1020 CR. -8 ADDED PART & DRAWING.	11/7/2016	RJC	SM
C	19-599	ITEM -9 WAS J.W. WINCO #10M10HDD IS J.W. WINCO #DIN172A0255, ITEM -3 MATERIAL WAS A36/1018/1020 HR IS 1018/1020/1025 CR, FINISH SPEC CHANGED, DIMENSION .1969/.1964 CHANGED FOR .1968 +0/-0008, DIMENSION .2366/.2361 CHANGED FOR .2362 +0/-0008, DIMENSION 1.890 CHANGED FOR 1.890 +/- .001, CL SYMBOL ADDED, ENGRAVING "MADE IN USA" AND S/N REMOVED, ITEM -5 MATERIAL WAS A36/1018/1020 HR IS 1018/1020/1025 CR, DIMENSION .2372/.2368 CHANGED FOR .238 +.005/-0, DIMENSION .1978/.1975 CHANGED FOR .199 +.005/-0, DIMENSION 1.890 CHANGED FOR 1.890 +/- .001, CL SYMBOL ADDED, ITEM -7 MATERIAL WAS 1018/1020 CR IS 1018/1020/1025 CR, FINISH SPEC CHANGED, ITEM -8 FINISH WAS ZINC PLATE IS BLACK OXIDE NOTES 1 @ 5 ADDED ON SHEET 1	2/19/2019	VM	VM



SECTION A-A

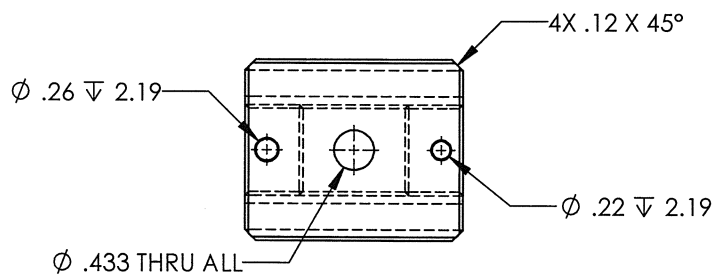
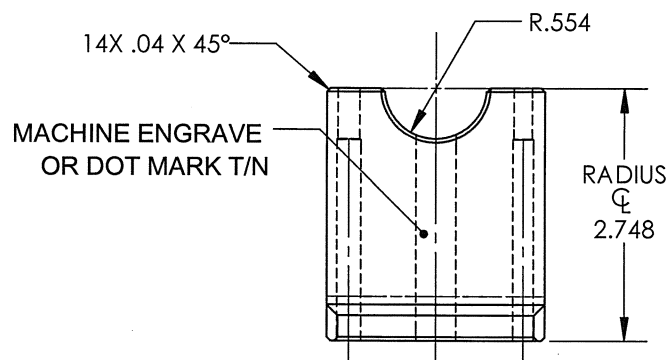
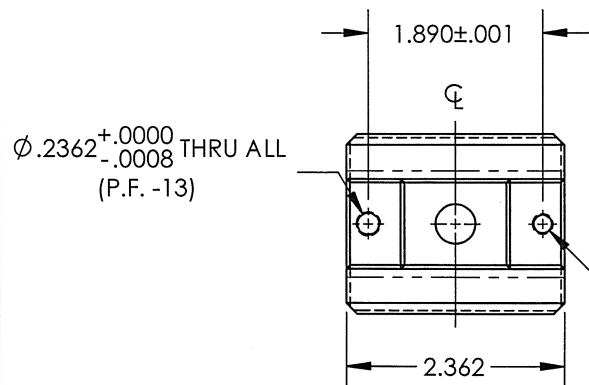
- NOTES:
- 1) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM -9 WITH ITEM -5 AND REMOVE EXCESS
 - 2) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM -11 AND ITEM -13 WITH ITEM -3 AND REMOVE EXCESS
 - 3) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM -8 THEN ASSEMBLE WITH ITEM -7 AND REMOVE EXCESS
 - 4) INSTALL ITEM -7 HAND TIGHT
 - 5) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-3	1	BASE	1018/1020/1025 CR		2
			-5	1	CAP	1018/1020/1025 CR		3
			-7	1	KNOB	1018/1020/1025 CR		4
			-8	1	BOLT	01		5
		B/O	-9	1	FLANGED BUSHING	STEEL	Ø10mm I.D. X Ø15mm O.D. X 14mm (J.W. WINCO #DIN172A0255)	1
		B/O	-11	1	DOWEL PIN	STEEL	Ø5mm X 20mm (MCMaster-CARR #91595A356)	1
		B/O	-13	1	DOWEL PIN	STEEL	Ø6mm X 20mm (MCMaster-CARR #91595A452)	1

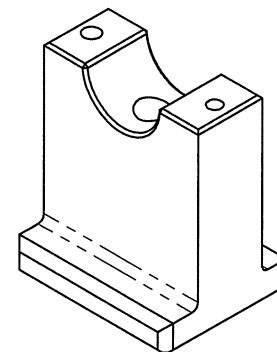
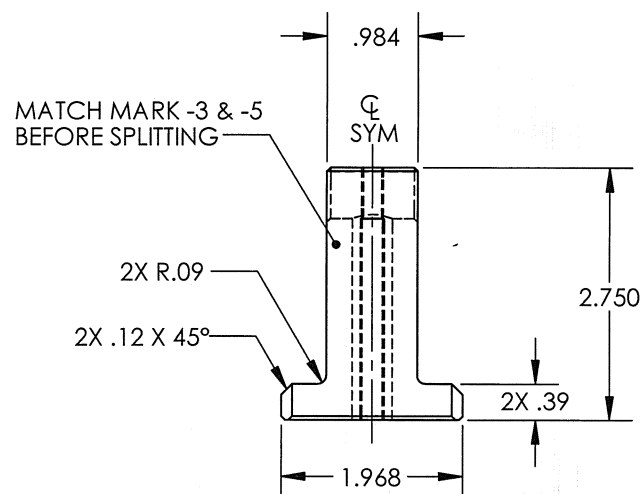
DART AEROSPACE	
TITLE MOUNTING TOOL	
DWG NO. RBEL133M-6503-101	REV C
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 ANGLES ± 5° SURFACES = 125/
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: [Signature]	EC135
SCALE N/A	DATE 7/13/2010 SHEET 1 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0138	-3 DELETED DIM'S .945, Ø.2366/.2361 P.F. -13, Ø.1969/.1964 P.F. -11, 2.189, CH'D DIM'S WAS .039 X 45° IS 14X .04 X 45°, WAS R.079 X2 IS 2X R.09, WAS .118 X 45° X2 IS 2X, 12X 45°, WAS .118 X 45° X4 IS 4X .12 X 45°, WAS Ø.258 DEPTH 2.189 IS .26 ▽ 2.19, WAS Ø.219 DEPTH 2.189 IS Ø.22 ▽ 2.19 (P.F. -11), ADDED DIM 1.890, .492, 1.181, CH'D MATERIAL WAS 1018 IS A36/1018/1020 HR, CH'D FINISH WAS NICKLE PLATE IS ZINC PLATE.	11/7/2016	RJC	SM
C		MATERIAL WAS A36/1018/1020 HR IS 1018/1020/1025 CR, FINISH SPEC CHANGED, DIMENSION .1969/.1964 CHANGED FOR .1968 +0/- .0008, DIMENSION .2366/.2361 CHANGED FOR .2362 +0/- .0008, DIMENSION 1.890 CHANGED FOR 1.890 +/- .001, CL SYMBOL ADDED, ENGRAVING "MADE IN USA" AND S/N REMOVED	2/20/2019	VM	VM

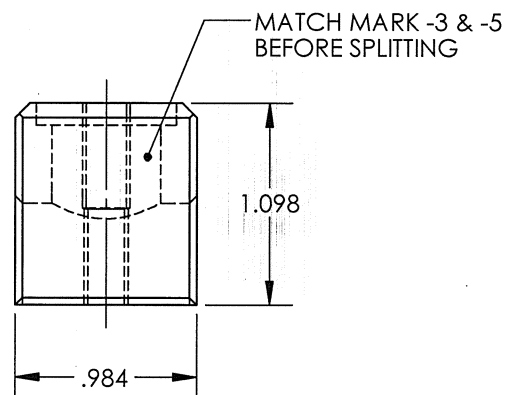
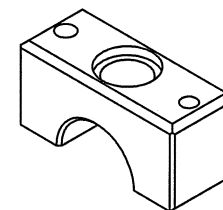


③
BASE





DART AEROSPACE	
TITLE MOUNTING TOOL	
DWG NO. RBEL133M-6503-101-3	REV C
MAT'L 1018/1020/1025 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH ZINC PLATE (YELLOW OR BLACK)	.XX ± .01 ANGLES ± 5°
SPEC ASTM B633 TYPE 2 CLASS 2	.X ± .1 SURFACES = 125/√
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 X 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: <i>VM</i>	EC135
SCALE N/A	DATE 7/13/2010 SHEET 2 OF 5

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0138	-5 CHD DIM WAS Ø.590 C.B. Ø.709 DEPTH .069 P.F. -.7, IS Ø.5904/.5900 THRU ALL L L Ø.760 ∇ .119 (P.F. -.9), WAS .039 X 45° IS .40 X 45°, WAS .079 X 45° 4X IS 4X .08 X 45°, WAS Ø.258 DEPTH .565 IS Ø.26 ∇ .57 (S.F. -13), WAS Ø.219 ∇ .565 IS Ø.22 ∇ .57 (S.F. -11), DELETED DIM .945, ADDED DIM 1.890, 1.181, CHD MATERIAL WAS 1018 IS A36/1018/1020 HR, CHD FINISH WAS NICKLE PLATE IS ZINC PLATE.	11/7/2016	RJC	SM
C		MATERIAL WAS A36/1018/1020 HR IS 1018/1020/1025 CR, FINISH SPEC CHANGED, DIMENSION .2372/.2368 CHANGED FOR .238 +/-0.005/-0, DIMENSION 1.978/.1975 CHANGED FOR .199 +/-0.005/-0, DIMENSION 1.890 CHANGED FOR 1.890 +/-0.001, CL SYMBOL ADDED	2/20/2019	VM	VM

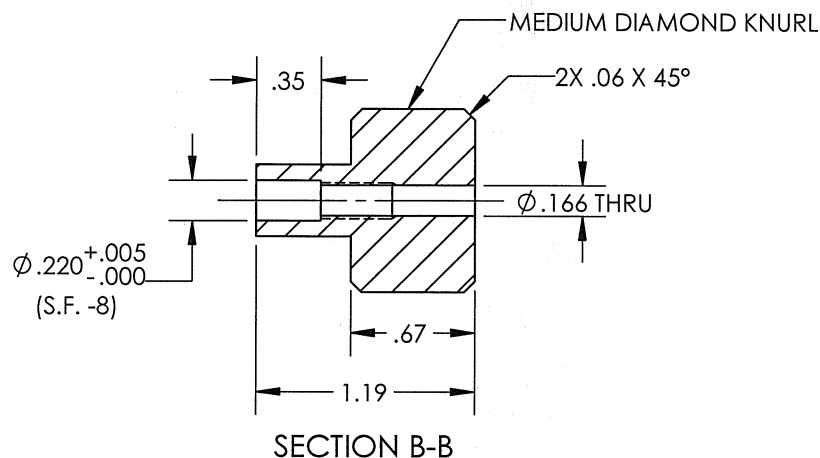
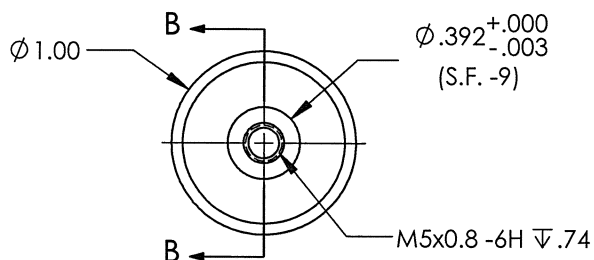
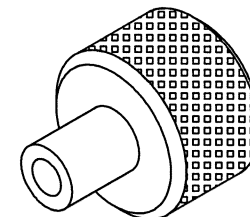


CAP

			
TITLE			
MOUNTING TOOL			
DWG NO.			REV
RBEL133M-6503-101-5			C
MAT'L 1018/1020/1025 CR		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH ZINC PLATE (YELLOW OR BLACK)		.XXX ± .005 FRACTIONS ARE 1/8	
SPEC ASTM B633 TYPE 2 CLASS 2		.XX ± .01 ANGLES ± 5°	
		SURFACES = 125/√	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: 		EC 135	
SCALE	N/A	DATE	
		7/13/2010	
			SHEET 3 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0138	-7 CH'D DIM WAS Ø.392 S.F. -9 IS Ø.392 +.000-.003 (S.F. -9), WAS Ø1.016 IS Ø1.00, WAS M5X.8 DEPTH .738 IS M5X0.8 ∇ .74, WAS Ø.211 IS Ø.220 +.005/-0.000 (S.F. -8), WAS .350 IS .35, WAS .059 X 45° IS 2X .06 X 45°, WAS .674 IS .67, WAS 1.187 IS 1.19, CH'D MATERIAL WAS 1018 IS 1018/1020 CR, CH'D FINISH WAS NICKLE PLATE IS ZINC PLATE.	11/7/2016	RJC	SM
C		MATERIAL WAS 1018/1020 CR IS 1018/1020/1025 CR, FINISH SPEC CHANGED	2/20/2019	VM	VM



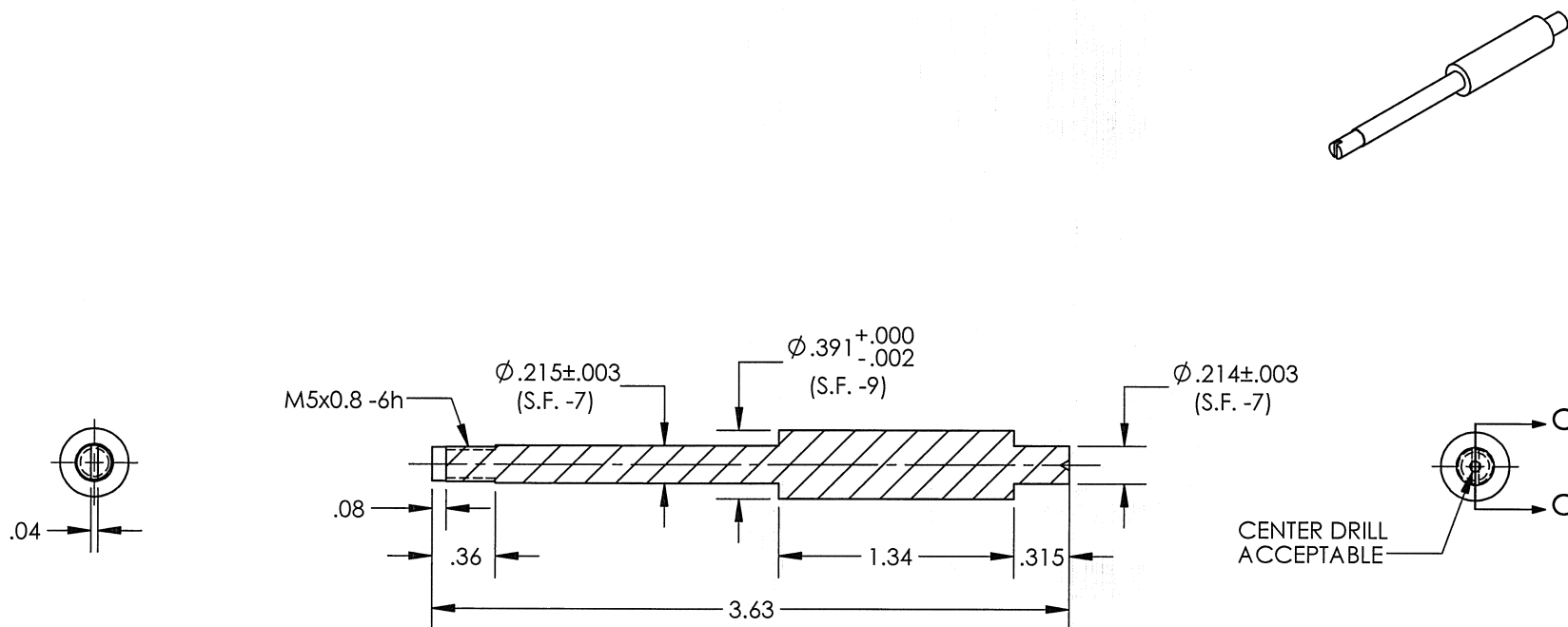
(-7)

KNOB

DART AEROSPACE	
TITLE MOUNTING TOOL	
DWG NO. RBEL133M-6503-101-7	REV C
MAT'L 1018/1020/1025 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH ZINC PLATE (YELLOW OR BLACK)	.XX ± .01 ANGLES ± 5°
SPEC ASTM B633 TYPE 2 CLASS 2	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: VM	EC135
SCALE N/A	DATE 7/13/2010 SHEET 4 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0138	-8 ADDED PART & DRAWING.	11/7/2016	RJC	SM
C		FINISH WAS ZINC PLATE IS BLACK OXIDE	2/20/2019	VM	VM



SECTION C-C

(-8)

BOLT

DART AEROSPACE	
TITLE DR MOUNTING TOOL	
DWG NO. RBEL133M-6503-101-8	REV C
MAT'L 01	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 45-50	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/√
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: <i>[Signature]</i>	EC135
SCALE N/A	DATE 10/26/2016
SHEET 5 OF 5	